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## Claims:

**IPLO** 

Please amend the claims as in the following listing:

1. (Currently amended) A method for fabricating recording head sliders made from 1 silicon substrates with SiO<sub>2</sub> overcoats, comprising: 2 A) providing a Si wafer which has been fabricated with a SiO2 overcoat; 3 B) depositing a layer of DRIE-resistant material on said SiO<sub>2</sub> overcoat, wherein 4 5 said DRIE-resistant material is Al<sub>2</sub>O<sub>3</sub>; C) depositing a patterned layer of RIE-resistant material on said layer of DRIE-6 resistant material to form a primary mask; 7 D) etching by RIE through said primary mask to pattern said SiO2 overcoat layer 8 and said layer of DRIE-resistant material; 9 E) removing said primary mask to expose said layer of DRIE-resistant material 10 which has now been patterned to form a secondary mask; 11 F) etching by DRIE through said secondary mask to cut said Si wafer into pieces; 12 13 and 14 G) removing said secondary mask. 2. (Original) The method of fabrication of claim 1, wherein: 1 said RIE-resistant material is a metal. 2 3. (Original) The method of fabrication of claim 1, wherein: 1 said RIE-resistant material is a transition metal. 2 4. (Previously amended) The method of fabrication of claim 1, wherein: 1 said RIE-resistant material is chosen from the group consisting of Cu, NiFe, and 2 3 transition metals. 1 5. (Canceled) 6. (Original) The method of fabrication of claim 1, wherein: 1 said C) depositing a patterned layer of RIE-resistant material on said layer of 2 DRIE-resistant material to form a primary mask comprises; 3 i) applying, exposing and developing photoresist to create the pattern; 4 ii) plating the layer of RIE-resistant material into the photo-resist pattern; and 5 6 iii) stripping the photo-resist. 7. (Original) The method of fabrication of claim 6, wherein said C) depositing a

patterned layer of RIE-resistant material on said layer of DRIE-resistant material to form

applying a seed layer of RIE-resistant material before applying said photoresist.

a primary mask further comprises;

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2 3 4	said D) etching by RIE further comprises:  first sputter-etching away said seed layer of RIE-resistant material before RIE.
1 2	9. (Original) The method of fabrication of claim 1, wherein: said E) removing said primary mask is done by selective wet etching.
1 2	10. (Original) The method of fabrication of claim 1, wherein: said F) removing said secondary mask is done by selective wet etching.
1 2 3 4 5 6 7 8 9 10	<ul> <li>11. (Currently amended) A method for fabricating recording head sliders made from silicon substrates, comprising: <ul> <li>A) producing a SiO<sub>2</sub> overcoat on said Si wafer;</li> <li>B) depositing a layer of DRIE-resistant material on said SiO<sub>2</sub> overcoat, wherein said DRIE-resistant material is Al<sub>2</sub>O<sub>3</sub>;</li> <li>C) depositing a RIE mask on said layer of DRIE-resistant material;</li> <li>D) etching by RIE through said RIE mask to pattern said SiO<sub>2</sub> overcoat layer and form a DRIE mask from said DRIE-resistant material;</li> <li>E) removing said RIE mask to expose said DRIE mask;</li> <li>F) etching by DRIE through said DRIE mask to cut said Si wafer; and</li> <li>G) removing said DRIE mask.</li> </ul> </li> </ul>
1 2	12. (Original) The method of fabrication of claim 11, wherein: said RIE-resistant material is a metal.
1 2	13. (Original) The method of fabrication of claim 11, wherein: said RIE-resistant material is a transition metal.
1 2 3	14.(Previously amended) The method of fabrication of claim 11, wherein: said RIE-resistant material is chosen from the group consisting of Cu, NiFe, and transition metals.
1	15. (Canceled)
1 2 3 4 5 6	<ul> <li>16. (Original) The method of fabrication of claim 11, wherein:</li> <li>C) depositing a RIE mask on said layer of DRIE-resistant material comprises;</li> <li>i) applying, exposing and developing photoresist to create the pattern;</li> <li>ii) plating the layer of RIE-resistant material into the photo-resist pattern;</li> <li>and</li> <li>iii) stripping the photo-resist.</li> </ul>
1 2 3	17. (Original) The method of fabrication of claim 16, wherein:  C) depositing a RIE mask on said layer of DRIE-resistant material further comprises:

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4 5	i) applying a seed layer of RIE-resistant material before applying said photoresist.
1	18. (Original) The method of fabrication of claim 17, wherein:
2	said D) etching by RIE further comprises:
3	first sputter-etching away said seed layer of RIE-resistant material before
4	RIE.
1	19. (Original) The method of fabrication of claim 11, wherein:
2	said E) removing said RIE mask is done by selective wet etching.
1 2	20. (Original) The method of fabrication of claim 11, wherein: said F) removing said DRIE mask is done by selective wet etching.